

ABSTRACT OF THE DISCLOSURE

A radiator element includes a pair of substrates each having a transition section and a
5 feed surface, each of the substrates is spaced apart from one another. The radiator element further includes a balanced symmetrical feed having a pair of radio frequency (RF) feed lines disposed adjacent to and electromagnetically coupled to the feed surface of one of a corresponding one of the pair of transition sections, and the pair of radio frequency feed lines forms a signal null point adjacent the transition sections.

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